

APPLICANT(S): HAVIV, Yaron
SERIAL NO.: 09/934,535
FILED: August 23, 2001
Page 2

REMARKS

The present communication is intended to be fully responsive to all points of objection and/or rejection raised by the Examiner and is believed to place the application in condition for allowance. Favorable reconsideration and allowance of the application is respectfully requested.

Applicants assert that the present invention is new, non-obvious and useful. Prompt consideration and allowance of the claims is respectfully requested.

Status of Claims

Claims 1 through 51 are pending in the application. Claims 1 through 51 have been rejected.

CLAIM REJECTIONS

35 U.S.C. § 102 Rejections

In the Office Action, the Examiner rejected claims 1 through 10 and 17 through 51 under 35 U.S.C. § 102(e), as being anticipated by U.S. Patent No. 6,640,239 to Gidwani. Applicants respectfully traverse this rejection in view of the fact that the Examiner has not established a prima facie of anticipation. As is well established under U.S. patent law, in order to successfully assert a prima facie case of anticipation, the Examiner must provide a single prior art document that includes every element and limitation of the claim or claims being rejected. The Gidwani reference, however, does not teach or suggest key limitations in each of independent claims 1, 5, 11, 17, 25, 32, and 41.

More specifically, the Gidwani reference teaches:

“An intelligent scalable switching network. The present invention provides a unified Internet portal server (UIP Server) having multi-line capability, and a unified Internet portal client (UIP Client) incorporating functionality of a Customer Premise Equipment (CPE) DSL Modem, wherein the UIP Client is capable of communicating with the UIP Server via a network to provide a service to a subscriber using the UIP

APPLICANT(S): HAVIV, Yaron
SERIAL NO.: 09/934,535
FILED: August 23, 2001
Page 3

Client. According to the invention, the UIP server comprises a single server chassis incorporating all of a plurality of processing elements. In addition, the UIP Server is located remote from a Subscriber Location (SL) and is capable of providing a plurality of services using a Digital Subscriber Line (DSL). The UIP Client is located at the SL and is **capable of deploying DSL capability on a single communication line.** (Gidwani Abstract)

Although the Gidwani reference does basically teach a system and method for data communication, it does not teach or suggest the specific methods and systems claimed in the present application. More specifically, each of independent claims 1, 5, 17, 25, 32 and 41 teaches either a method and/or system of data communication including the limitations of either "multi-channel reliable hardware" and/or "remote direct memory access" ("RDMA"). More specifically:

Claim 1 – includes the limitation of "having said router select said second computer from a group of computers having multi-channel reliable network hardware according to information in said connection request, said information comprising opaque data."
This limitation is neither taught nor suggested in the Gidwani reference.

Claim 5 – include the limitation of "upstream traffic from said first computer to said second computer is communicated over said connection via a router and downstream traffic from said second computer to said first computer is communicated directly over said connection."

This limitation is neither taught nor suggested in the Gidwani reference.
Routers according to the prior art and especially in Gidwani do not behave as claimed in claim 5.

Claim 17 – includes the limitation of "having a router transfer transaction traffic between a first computer and a second computer while processing only a portion of said transaction traffic, both computers having multi-channel reliable network hardware."

APPLICANT(S): HAVIV, Yaron
SERIAL NO.: 09/934,535
FILED: August 23, 2001
Page 4

This limitation is neither taught nor suggested in the Gidwani reference. The routers taught in Gidwani do not process traffic, they only transfer traffic.

Claim – 25 includes the limitation of “converting a session of packet-oriented traffic into transactions comprising remote direct memory access messages.”

This limitation is neither taught nor suggested in the Gidwani reference. RDMA is neither mentioned nor suggested in the Gidwani reference.

Claim – 32 includes the limitation of “one or more routers able to process transactions between two or more computers and to direct said transactions among said computers according to information in said transactions, said computers having multi-channel reliable network hardware.”

This limitation is neither taught nor suggested in the Gidwani reference. The routers of the prior art and especially Gidwani do not process transactions or traffic but simply transfer traffic.

Claim – 41 includes the limitation of “a proxy able to receive packet-oriented traffic from a client computer, to convert a session of said packet-oriented traffic into transactions comprising remote direct memory access messages, and to send said transactions to one of said server computers.

This limitation is neither taught nor suggested in the Gidwani reference. Neither RDMA nor converting packet-oriented traffic to transactions comprising RDMA is taught or suggested in Gidwani.

Accordingly, Applicant respectfully requests reconsideration and withdrawal of the 102 rejections of claims independent claims 1, 5, 17, 25, 32 and 41. Applicant also considers dependent claims 2 through 4, 6 through 10, 18 through 31, 33 through 40, and 42 through 51 allowable by virtue of their dependency on allowable base claims. Therefore, Applicant

APPLICANT(S): HAVIV, Yaron
SERIAL NO.: 09/934,535
FILED: August 23, 2001
Page 5

respectfully requests reconsideration and withdrawal of the 102 rejections of all dependent claims.

35 U.S.C. § 103 Rejections

In the Office Action, the Examiner rejected claims 11 through 16 under 35 U.S.C. § 103(a), as being unpatentable over U.S. Patent No. 6,640,239 to Gidwani, in view of U.S. Patent No. 2003/0195983 to Krause.

Applicant wishes to point out that the Krause reference was filed on May 21, 2003, nearly three years after the priority date of the present application. Therefore, the Krause reference is an inappropriate reference to be cited against the claims of the present application. Applicant respectfully request that the Examiner withdraw all 103 based rejections.

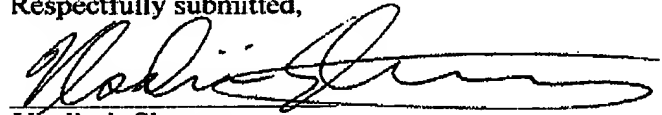
In view of the remarks, all the pending claims are deemed to be allowable. Their favorable reconsideration and allowance is respectfully requested.

APPLICANT(S): HAVIV, Yaron
SERIAL NO.: 09/934,535
FILED: August 23, 2001
Page 6

Should the Examiner have any question or comment as to the form, content or entry of this Amendment, the Examiner is requested to contact the undersigned at the telephone number below. Similarly, if there are any further issues yet to be resolved to advance the prosecution of this application to issue, the Examiner is requested to telephone the undersigned counsel.

Please charge any fees associated with this paper to deposit account No. 50-3400.

Respectfully submitted,



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